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### Barosma Betulina Extract (Cont.)

ingredient labeling under the 6th Amendment to the EC Cosmetics Directive go into effect.

**Chemical Class:** Biological Products

**Function:** Biological Additive

**Technical Name:**

Extract of Barosma Betulina

**Trade Name Mixture:**

Fitopur B (Sederma)

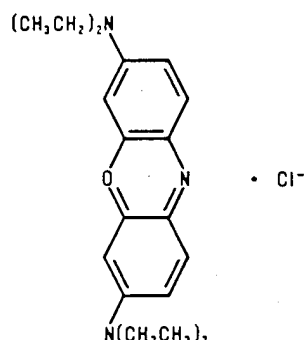
### BASIC BLUE 3

**CAS No.** 33203-82-6  
**EINECS No.** 251-403-5

**Empirical Formula:**

$C_{20}H_{27}N_3OCl$

**Definition:** Basic Blue 3 is the hair colorant that conforms to the formula:



••US laws and regulations prohibit any cosmetic product intended for sale in the United States from containing a colorant that has not been previously approved by the US FDA, and that does not meet applicable standards and specifications as found in 21 CFR 73 & 74. (NOTE: Each batch of an approved synthetic organic colorant must be certified by the US FDA as meeting these standards and specifications.) An exception to this prohibition exists for "coal tar" colorants used in hair dye products which also meet other specific regulatory requirements. See Regulatory Information in the Introduction.

**Information Sources:** TSCA

**Chemical Classes:** Amines; Color Additives - Hair; Heterocyclic Compounds

**Function:** Hair Colorant

**Technical Names:**

3,7-Bis(Diethylamino)Phenoxazin-5-ium Chloride  
Phenoxazin-5-ium, 3,7-Bis(Diethylamino)-, Chloride

**Trade Name:**

Lowacryl Blue 3 (Lowenstein)

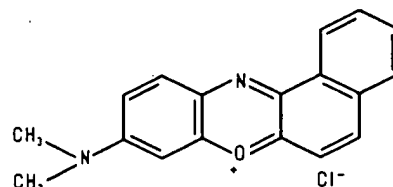
### BASIC BLUE 6

**CAS No.** 966-62-1  
**EINECS No.** 213-524-1

**Empirical Formula:**

$C_{18}H_{15}N_2O \cdot xCl_2Zn \cdot Cl$

**Definition:** Basic Blue 6 is the zinc double chloride salt of the compound that conforms generally to the formula:



••US laws and regulations prohibit any cosmetic product intended for sale in the United States from containing a colorant that has not been previously approved by the US FDA, and that does not meet applicable standards and specifications as found in 21 CFR 73 & 74. (NOTE: Each batch of an approved synthetic organic colorant must be certified by the US FDA as meeting these standards and specifications.) An exception to this prohibition exists for "coal tar" colorants used in hair dye products which also meet other specific regulatory requirements. See Regulatory Information in the Introduction.

**Information Sources:** CI 51175, TSCA

**Chemical Class:** Color Additives - Miscellaneous

**Function:** Colorant

**Technical Names:**

Benzo[ $\alpha$ ]Phenoxazin-7-ium,9-(Dimethylamino)-, Chloride  
CI 51175  
9-(Dimethylamino)Benzo[ $\alpha$ ]Phenoxazin-7-ium Chloride  
Meldola's Blue

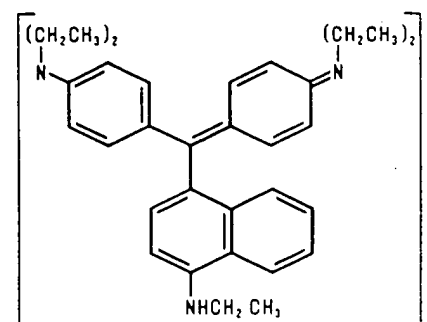
### BASIC BLUE 7

**CAS No.** 2390-60-5  
**EINECS No.** 219-232-0

**Empirical Formula:**

$C_{33}H_{40}N_3 \cdot Cl$

**Definition:** Basic Blue 7 is classed chemically as a triphenylmethane color. It conforms to the formula:



••US laws and regulations prohibit any cosmetic product intended for sale in the United States from containing a colorant that has not been previously approved by the US FDA, and that does not meet applicable standards and specifications as found in 21 CFR 73 & 74. (NOTE: Each batch of an approved synthetic organic colorant must be certified by the US FDA as meeting these standards and specifications.) An exception to this prohibition exists for "coal tar" colorants used in hair dye products which also meet other specific regulatory requirements. See Regulatory Information in the Introduction.

**Information Sources:** CI 42595, TSCA

**Chemical Class:** Color Additives - Miscellaneous

**Function:** Hair Colorant

**Technical Names:**

CI 42595  
N-[4-[[4-(Diethylamino)Phenyl][4-(Ethylamino)-1-Naphthalenyl]Methylene]5-Cyclohexadien-1-ylidene]-N-Ethylethanaminium Chloride  
Ethanaminium, N-[4-[[4-(Diethylamino)Phenyl][4-(Ethylamino)-1-Naphthalenyl]Methylene]-2,5-Cyclohexadien-1-ylidene]-N-Ethyl-, Chloride

**Trade Name:**

Lowacryl Blue 7 (Lowenstein)

### BASIC BLUE 9

**CAS No.** 61-73-4  
**EINECS No.** 200-515-2

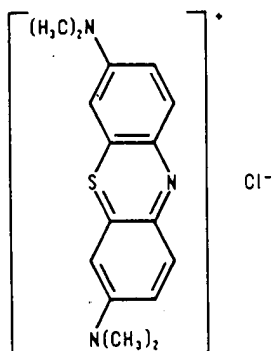
**Empirical Formula:**

$C_{16}H_{18}N_3S \cdot Cl$

**Definition:** Basic Blue 9 is the color that conforms to the formula:

## Basic Blue 9 (Cont.)

## Basic Blue 47

Cl<sup>-</sup>Cl<sup>-</sup>

••US laws and regulations prohibit any cosmetic product intended for sale in the United States from containing a colorant that has not been previously approved by the US FDA, and that does not meet applicable standards and specifications as found in 21 CFR 73 & 74. (NOTE: Each batch of an approved synthetic organic colorant must be certified by the US FDA as meeting these standards and specifications.) An exception to this prohibition exists for "coal tar" colorants used in hair dye products which also meet other specific regulatory requirements. See Regulatory Information in the Introduction.

**Information Sources:** AUS, BP, BPC, BRA, CI 52015, DA, EGY, HUN, INN, ITA, MAR, MI-12(6137), PF, TSCA, USAN, USD, USP XXIII, USSR, YUG

**Chemical Class:** Color Additives - Hair

**Function:** Hair Colorant

**Reported Product Category:** Hair Dyes and Colors (All Types Requiring Caution Statements and Patch Tests)

**Technical Names:**

3,7-Bis(Dimethylamino)Phenothiazin-5-ium Chloride  
CI 52015  
Methylene Blue  
Phenothiazin-5-ium, 3,7-Bis(Dimethylamino)-, Chloride  
Solvent Blue 8

**Trade Name:**

Lowacryl Blue 9 (Lowenstein)

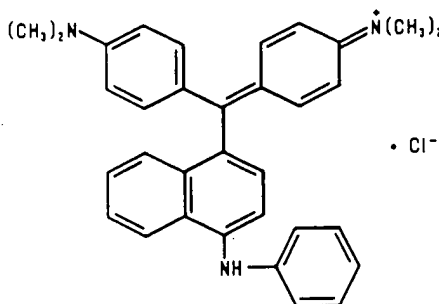
**BASIC BLUE 26**

**CAS No.** 2580-56-5 **EINECS No.** 219-943-6

**Empirical Formula:**

$C_{33}H_{32}N_3 \cdot Cl$

**Definition:** Basic Blue 26 is classed chemically as a triphenylmethane color. It conforms to the formula:



••US laws and regulations prohibit any cosmetic product intended for sale in the United States from containing a colorant that has not been previously approved by the US FDA, and that does not meet applicable standards and specifications as found in 21 CFR 73 & 74. (NOTE: Each batch of an approved synthetic organic colorant must be certified by the US FDA as meeting these standards and specifications.) An exception to this prohibition exists for "coal tar" colorants used in hair dye products which also meet other specific regulatory requirements. See Regulatory Information in the Introduction.

••To identify the colorant allowed for use in the European Union (EU), when regulations for ingredient labeling under the 6th Amendment to the EC Cosmetics Directive go into effect, the INCI Name CI 44045 will be used in the EU except when used in hair dye products. See Regulatory Information in the Introduction.

**Information Sources:** CI 44045, EEC(IV/1), TSCA

**Chemical Classes:** Color Additives - Hair; Color Additives - Miscellaneous

**Function:** Hair Colorant

**Technical Names:**

CI 44045  
N-[4-[[4-(Dimethylamino)Phenyl][4-(Phenylamino)-1-Naphthalenyl]Methylene]-2,5-Cyclohexadien-1-ylidene]-N-Methyl-2-Methanaminium Chloride  
2-Methanaminium, N-[4-[[4-(Dimethylamino)Phenyl][4-(Phenylamino)-1-Naphthalenyl]Methylene]-2,5-Cyclohexadien-1-ylidene]-N-Methyl-, Chloride

**Trade Names:**

Covariene Bleu W 6126 (Wackherr)  
Lowacryl Blue 26 (Lowenstein)

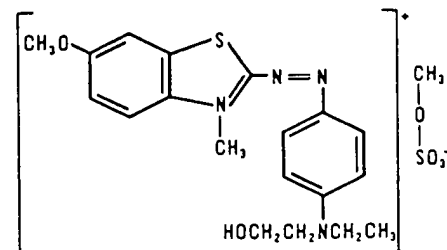
**BASIC BLUE 41**

**CAS No.** 12270-13-2 **EINECS No.** 235-546-0

**Empirical Formula:**

$C_{19}H_{23}N_4O_2S \cdot CH_3O_4S$

**Definition:** Basic Blue 41 is the color that conforms to the formula:



••US laws and regulations prohibit any cosmetic product intended for sale in the United States from containing a colorant that has not been previously approved by the US FDA, and that does not meet applicable standards and specifications as found in 21 CFR 73 & 74. (NOTE: Each batch of an approved synthetic organic colorant must be certified by the US FDA as meeting these standards and specifications.) An exception to this prohibition exists for "coal tar" colorants used in hair dye products which also meet other specific regulatory requirements. See Regulatory Information in the Introduction.

**Information Sources:** CI 11154, TSCA

**Chemical Class:** Color Additives - Miscellaneous

**Function:** Colorant

**Technical Name:**  
CI 11154

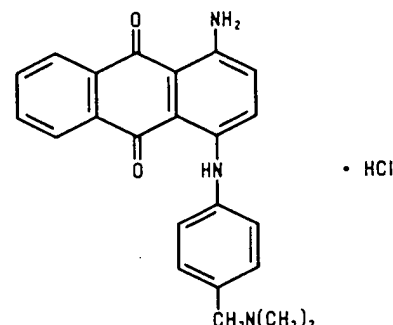
**BASIC BLUE 47**

**CAS No.** 67905-56-0 **EINECS No.** 267-677-4

**Empirical Formula:**

$C_{23}H_{21}N_3O_2 \cdot ClH$

**Definition:** Basic Blue 47 is the hair colorant that conforms to the formula:



••US laws and regulations prohibit any cosmetic product intended for sale in the United States from containing a colorant that has not been previously approved by the US FDA, and that does not meet applicable standards and specifications as found in 21

## Basic Blue 47 (Cont.)

CFR 73 & 74. (NOTE: Each batch of an approved synthetic organic colorant must be certified by the US FDA as meeting these standards and specifications.) An exception to this prohibition exists for "coal tar" colorants used in hair dye products which also meet other specific regulatory requirements. See Regulatory Information in the Introduction.

**Information Sources:** TSCA

**Chemical Class:** Color Additives - Hair

**Function:** Hair Colorant

**Technical Names:**

1-Amino-4-[[4-[(Dimethylamino)Methyl]Phenyl]Amino]Anthraquinone Monohydrochloride  
9,10-Anthracenedione, 1-Amino-4-[[4-[(Dimethylamino)Methyl]Phenyl]Amino]-, Monohydrochloride

**Trade Name:**

Lowacryl Blue 47 (Lowenstein)

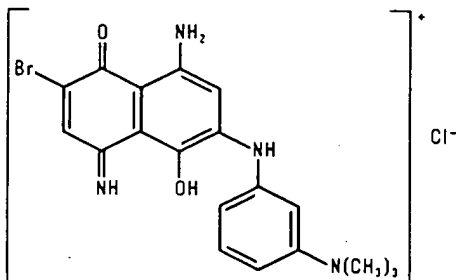
## BASIC BLUE 99

**CAS No.** 68123-13-7  
**EINECS No.** 268-544-3

**Empirical Formula:**

$C_{19}H_{20}BrN_4O_2 \cdot Cl$

**Definition:** Basic Blue 99 is the color that conforms to the formula:



••US laws and regulations prohibit any cosmetic product intended for sale in the United States from containing a colorant that has not been previously approved by the US FDA, and that does not meet applicable standards and specifications as found in 21 CFR 73 & 74. (NOTE: Each batch of an approved synthetic organic colorant must be certified by the US FDA as meeting these standards and specifications.) An exception to this prohibition exists for "coal tar" colorants used in hair dye products which also meet other specific regulatory requirements. See Regulatory Information in the Introduction.

**Information Sources:** CI 56059, TSCA

**Chemical Class:** Color Additives - Hair

**Function:** Hair Colorant

**Reported Product Categories:** Hair Tints; Hair Dyes and Colors (All Types Requiring Caution Statements and Patch Tests); Hair Shampoos (Coloring); Hair Coloring Preparations, Misc.

**Technical Names:**

3-[(4-Amino-6-Bromo-5,8-Dihydro-1-Hydroxy-8-Imino-5-Oxo-2-Naphthalenyl)Amino]-N,N,N-Trimethylbenzenaminium Chloride  
Benzenaminium, 3-[(4-Amino-6-Bromo-5,8-Dihydro-1-Hydroxy-8-Imino-5-Oxo-2-Naphthalenyl)Amino]-N,N,N-Trimethyl-, Chloride  
CI 56059

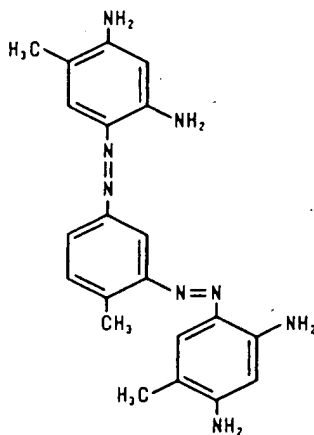
## BASIC BROWN 4

**CAS Nos.** 4482-25-1  
**EINECS Nos.** 224-764-1  
8005-78-5 232-341-8

**Empirical Formula:**

$C_{21}H_{24}N_8$

**Definition:** Basic Brown 4 is classed chemically as a disazo color. It conforms to the formula:



••US laws and regulations prohibit any cosmetic product intended for sale in the United States from containing a colorant that has not been previously approved by the US FDA, and that does not meet applicable standards and specifications as found in 21 CFR 73 & 74. (NOTE: Each batch of an approved synthetic organic colorant must be certified by the US FDA as meeting these standards and specifications.) An exception to this prohibition exists for "coal tar" colorants used in hair dye products which also meet other specific regulatory requirements. See Regulatory Information in the Introduction.

**Information Sources:** CI 21010, MI-12(1293), TSCA

**Chemical Class:** Color Additives - Hair

**Function:** Hair Colorant

**Technical Names:**

1,3-Benzenediamine, 4,4'-[(4-Methyl-1,3-Phenylene)Bis(Azo)]Bis[6-Methyl-Bismark Brown R  
CI 21010  
4,4'-[(4-Methyl-1,3-Phenylene)Bis(Azo)]Bis[6-Methyl-1,3-Benzenediamine

**Trade Name:**

Lowacryl Brown 4 (Lowenstein)

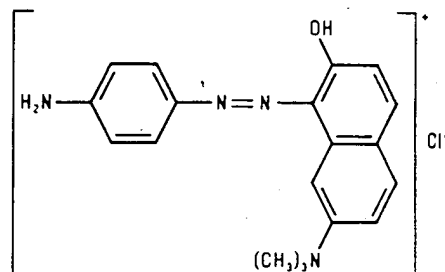
## BASIC BROWN 16

**CAS No.** 26381-41-9  
**EINECS No.** 247-640-9

**Empirical Formula:**

$C_{19}H_{21}N_4O \cdot Cl$

**Definition:** Basic Brown 16 is the color that conforms to the formula:



••US laws and regulations prohibit any cosmetic product intended for sale in the United States from containing a colorant that has not been previously approved by the US FDA, and that does not meet applicable standards and specifications as found in 21 CFR 73 & 74. (NOTE: Each batch of an approved synthetic organic colorant must be certified by the US FDA as meeting these standards and specifications.) An exception to this prohibition exists for "coal tar" colorants used in hair dye products which also meet other specific regulatory requirements. See Regulatory Information in the Introduction.

**Information Sources:** CI 12250, TSCA

**Chemical Class:** Color Additives - Hair

**Function:** Hair Colorant

**Reported Product Categories:** Hair Tints; Hair Dyes and Colors (All Types Requiring Caution Statements and Patch Tests); Hair Shampoos (Coloring)

**Technical Names:**

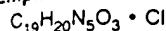
[8-[(p-Aminophenyl)Azo]-7-Hydroxy-2-Naphthyl]Trimethylammonium Chloride  
Ammonium, [8-[(p-Aminophenyl)Azo]-7-Hydroxy-2-Naphthyl]Trimethyl-, Chloride  
CI 12250

## Basic Brown 17

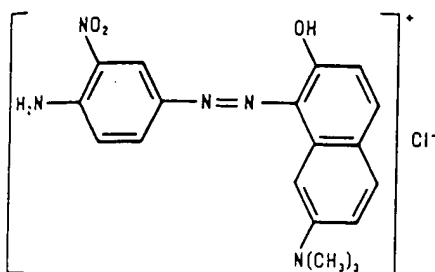
## BASIC BROWN 17

CAS Nos. EINECS Nos.  
68391-32-2 269-940-0  
275-216-3

## Empirical Formula:



Definition: Basic Brown 17 is the color that conforms to the formula:



• US laws and regulations prohibit any cosmetic product intended for sale in the United States from containing a colorant that has not been previously approved by the US FDA, and that does not meet applicable standards and specifications as found in 21 CFR 73 & 74. (NOTE: Each batch of an approved synthetic organic colorant must be certified by the US FDA as meeting these standards and specifications.) An exception to this prohibition exists for "coal tar" colorants used in hair dye products which also meet other specific regulatory requirements. See Regulatory Information in the Introduction.

Information Sources: CI 12251, TSCA

Chemical Class: Color Additives - Hair

Function: Hair Colorant

Reported Product Categories: Hair Dyes and Colors (All Types Requiring Caution Statements and Patch Tests); Hair Shampoos (Coloring); Hair Coloring Preparations, Misc.

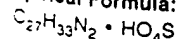
## Technical Names:

[8-[(4-Amino-3-Nitrophenyl)Azo]-7-Hydroxy-2-Naphthyl]Trimethylammonium Chloride  
8-[(4-Amino-3-Nitrophenyl)Azo]-7-Hydroxy-N,N,N-Trimethyl-2-Naphthalenaminium Chloride  
CI 12251  
2-Naphthalenaminium, 8-[(4-Amino-3-Nitrophenyl)Azo]-7-Hydroxy-N,N,N-Trimethyl-, Chloride

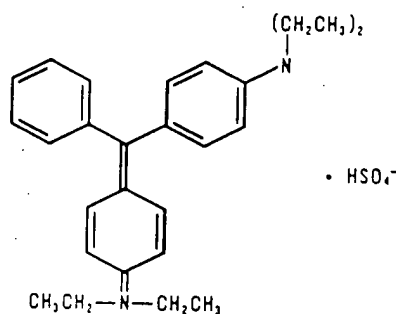
## BASIC GREEN 1

CAS No. EINECS No.  
533-03-4 215-406-5

## Empirical Formula:



Definition: Basic Green 1 is classed chemically as a triphenylmethane color. It conforms to the formula:



• US laws and regulations prohibit any cosmetic product intended for sale in the United States from containing a colorant that has not been previously approved by the US FDA, and that does not meet applicable standards and specifications as found in 21 CFR 73 & 74. (NOTE: Each batch of an approved synthetic organic colorant must be certified by the US FDA as meeting these standards and specifications.) An exception to this prohibition exists for "coal tar" colorants used in hair dye products which also meet other specific regulatory requirements. See Regulatory Information in the Introduction.

Information Sources: CI 42040, MI-12(1398), TSCA

Chemical Class: Color Additives - Hair

Function: Hair Colorant

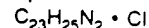
## Technical Names:

Brilliant Green  
CI 42040  
N-[4-[[4-(Diethylamino)Phenyl]Phenylmethylene]-2,5-Cyclohexadien-1-ylidene]-N-Ethyl-ethanaminium Sulfate (1:1)  
Ethanaminium, N-[4-[[4-(Diethylamino)Phenyl]Phenylmethylene]-2,5-Cyclohexadien-1-ylidene]-N-Ethyl-, Sulfate (1:1)

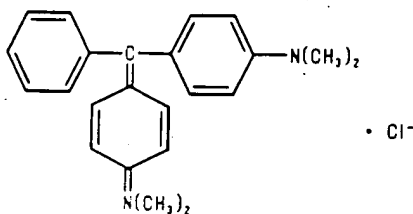
## BASIC GREEN 4

CAS No. EINECS No.  
569-64-2 209-322-8

## Empirical Formula:



Definition: Basic Green 4 is the hair colorant that conforms to the formula:



## Basic Orange 1

• US laws and regulations prohibit any cosmetic product intended for sale in the United States from containing a colorant that has not been previously approved by the US FDA, and that does not meet applicable standards and specifications as found in 21 CFR 73 & 74. (NOTE: Each batch of an approved synthetic organic colorant must be certified by the US FDA as meeting these standards and specifications.) An exception to this prohibition exists for "coal tar" colorants used in hair dye products which also meet other specific regulatory requirements. See Regulatory Information in the Introduction.

Information Sources: TSCA

Chemical Class: Color Additives - Hair

Function: Hair Colorant

## Technical Names:

CI 42000  
Methanaminium, N-[4-[[4-(Dimethylamino)Phenyl]Phenylmethylene]-2,5-Cyclohexadien-1-ylidene]-N-Methyl-, Chloride

## Trade Name:

Lowacryl Green 4 (Lpwenstein)

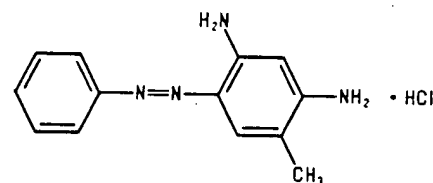
## BASIC ORANGE 1

CAS No. EINECS No.  
4438-16-8 224-654-3

## Empirical Formula:



Definition: Basic Orange 1 is the hair colorant that conforms to the formula:



• US laws and regulations prohibit any cosmetic product intended for sale in the United States from containing a colorant that has not been previously approved by the US FDA, and that does not meet applicable standards and specifications as found in 21 CFR 73 & 74. (NOTE: Each batch of an approved synthetic organic colorant must be certified by the US FDA as meeting these standards and specifications.) An exception to this prohibition exists for "coal tar" colorants used in hair dye products which also meet other specific regulatory requirements. See Regulatory Information in the Introduction.

Information Sources: TSCA

Chemical Class: Color Additives - Hair

The inclusion of any compound in the Dictionary and Handbook does not indicate that use of that substance as a cosmetic ingredient complies with the laws and regulations governing such use in the United States or any other country.

### Basic Orange 1 (Cont.)

**Function:** Hair Colorant

**Technical Names:**

1,3-Benzenediamine, 4-Methyl-6-(Phenylazo)-, Monohydrochloride  
CI 11320  
5-(Phenylazo)Toluene-3,4-Diamine Monohydrochloride

**Trade Name:**

Lowacryl Orange 1 (Lowenstein)

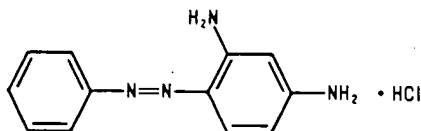
### BASIC ORANGE 2

**CAS No.** 532-82-1  
**EINECS No.** 208-545-8

**Empirical Formula:**

$C_{12}H_{12}N_4 \cdot ClH$

**Definition:** Basic Orange 2 is the hair colorant that conforms to the formula:



••US laws and regulations prohibit any cosmetic product intended for sale in the United States from containing a colorant that has not been previously approved by the US FDA, and that does not meet applicable standards and specifications as found in 21 CFR 73 & 74. (NOTE: Each batch of an approved synthetic organic colorant must be certified by the US FDA as meeting these standards and specifications.) An exception to this prohibition exists for "coal tar" colorants used in hair dye products which also meet other specific regulatory requirements. See Regulatory Information in the Introduction.

**Information Sources:** TSCA

**Chemical Class:** Color Additives - Hair

**Function:** Hair Colorant

**Technical Names:**

1,3-Benzenediamine, 4-(Phenylazo)-, Monohydrochloride  
CI 11270  
4-Phenylazophenylene-1,3-Diamine Monohydrochloride

**Trade Name:**

Lowacryl Orange 2 (Lowenstein)

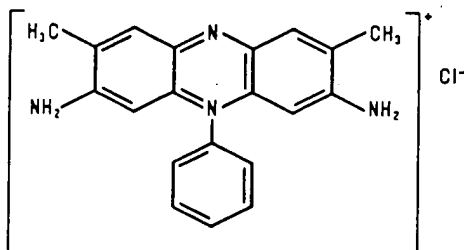
### BASIC RED 2

**CAS No.** 477-73-6  
**EINECS No.** 207-518-8

**Empirical Formula:**

$C_{20}H_{19}N_4 \cdot Cl$

**Definition:** Basic Red 2 is classed chemically as a phenazine color. It conforms to the formula:



••US laws and regulations prohibit any cosmetic product intended for sale in the United States from containing a colorant that has not been previously approved by the US FDA, and that does not meet applicable standards and specifications as found in 21 CFR 73 & 74. (NOTE: Each batch of an approved synthetic organic colorant must be certified by the US FDA as meeting these standards and specifications.) An exception to this prohibition exists for "coal tar" colorants used in hair dye products which also meet other specific regulatory requirements. See Regulatory Information in the Introduction.

**Information Sources:** TSCA

**Chemical Class:** Color Additives - Hair

**Function:** Hair Colorant

**Technical Names:**

3,7-Diamino-2,8-Dimethyl-5-Phenylphenazin-ium Chloride  
Phenazinium, 3,7-Diamino-2,8-Dimethyl-5-Phenyl-, Chloride

**Trade Names:**

Lowacryl Red 2 (Lowenstein)  
Safranin O (Eastman Kodak)

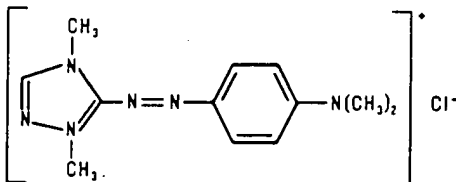
### BASIC RED 22

**CAS Nos.** 12221-52-2 ()  
23532-28-7  
**EINECS Nos.** 245-718-7

**Empirical Formula:**

$C_{12}H_{17}N_6$

**Definition:** Basic Red 22 is the color that conforms to the formula:



••US laws and regulations prohibit any cosmetic product intended for sale in the United States from containing a colorant that has not been previously approved by the FDA, and that does not meet applicable standards and specifications as found in CFR 73 & 74. (NOTE: Each batch of an approved synthetic organic colorant must be certified by the US FDA as meeting these standards and specifications.) An exception to this prohibition exists for "coal tar" colorants used in hair dye products which also meet other specific regulatory requirements. See Regulatory Information in the Introduction.

**Information Sources:** CI 11055, TSCA

**Chemical Class:** Color Additives - Hair

**Function:** Hair Colorant

**Reported Product Category:** Hair Dyes Colors (All Types Requiring Caution Statements and Patch Tests)

**Technical Names:**

CI 11055

5-[[4-(Dimethylamino)Phenyl]Azo]-1,4-Dimethyl-1H-1,2,4-Triazolium  
1H-1,2,4-Triazolium, 5-[[4-(Dimethylamino)Phenyl]Azo]-1,4-Dimethyl-

**Trade Name:**

Lowacryl Red 22 (Lowenstein)

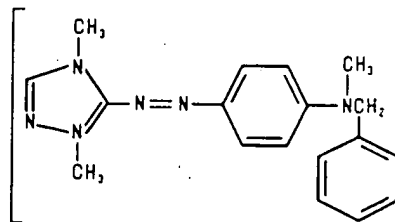
### BASIC RED 46

**CAS No.** 89959-98-8  
**EINECS No.** 289-660-0

**Empirical Formula:**

$C_{18}H_{21}N_5 \cdot Br$

**Definition:** Basic Red 46 is the hair colorant that conforms to the formula:



••US laws and regulations prohibit any cosmetic product intended for sale in the United States from containing a colorant that has not been previously approved by the FDA, and that does not meet applicable standards and specifications as found in 21 CFR 73 & 74. (NOTE: Each batch of an approved synthetic organic colorant must be certified by the US FDA as meeting these standards and specifications.) An exception to this prohibition exists for "coal tar" colorants used in hair dye products which also meet other specific regulatory requirements. See Regulatory Information in the Introduction.

## Basic Red 46 (Cont.)

**Chemical Class:** Color Additives - Hair

**Function:** Hair Colorant

**Technical Name:**

3(or5)-[[4-[Benzylmethylamino]Phenyl]Azo]-  
1,2-(or1,4)-Dimethyl-1,2,4-Triazolium  
Bromide

**Trade Name:**

Lowacryl Red 46 (Lowenstein)

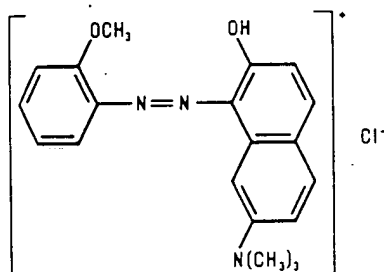
## BASIC RED 76

**CAS No.** **EINECS No.**  
53391-30-0 269-941-4

**Empirical Formula:**

$C_{20}H_{22}N_3O_2 \cdot Cl$

**Definition:** Basic Red 76 is the color that conforms to the formula:



••US laws and regulations prohibit any cosmetic product intended for sale in the United States from containing a colorant that has not been previously approved by the US FDA, and that does not meet applicable standards and specifications as found in 21 CFR 73 & 74. (NOTE: Each batch of an approved synthetic organic colorant must be certified by the US FDA as meeting these standards and specifications.) An exception to this prohibition exists for "coal tar" colorants used in hair dye products which also meet other specific regulatory requirements. See Regulatory Information in the Introduction.

**Information Sources:** CI 12245, TSCA

**Chemical Class:** Color Additives - Hair

**Function:** Hair Colorant

**Reported Product Categories:** Hair Dyes and Colors (All Types Requiring Caution Statements and Patch Tests); Hair Shampoos (Coloring); Hair Tints; Hair Coloring Preparations, Misc.

**Technical Names:**

CI 12245  
7-Hydroxy-8-[(2-Methoxyphenyl)Azo]-N,N,N-Trimethyl-2-Naphthalenaminium Chloride  
2-Naphthalenaminium, 7-Hydroxy-8-[(2-Methoxyphenyl)Azo]-N,N,N-Trimethyl-, Chloride

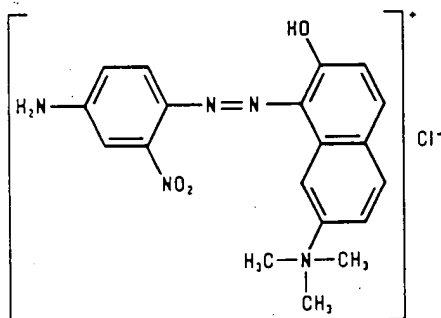
## BASIC RED 118

**CAS No.** **EINECS No.**  
71134-97-9 275-216-3

**Empirical Formula:**

$C_{19}H_{20}N_5O_3 \cdot Cl$

**Definition:** Basic Red 118 is the hair colorant that conforms to the formula:



••US laws and regulations prohibit any cosmetic product intended for sale in the United States from containing a colorant that has not been previously approved by the US FDA, and that does not meet applicable standards and specifications as found in 21 CFR 73 & 74. (NOTE: Each batch of an approved synthetic organic colorant must be certified by the US FDA as meeting these standards and specifications.) An exception to this prohibition exists for "coal tar" colorants used in hair dye products which also meet other specific regulatory requirements. See Regulatory Information in the Introduction.

**Information Sources:** CI 12251:1

**Chemical Classes:** Amines; Color Additives - Hair; Quaternary Ammonium Compounds

**Function:** Hair Colorant

**Technical Names:**

[8-[(4-Amino-2-Nitrophenyl)azo]-7-Hydroxy-2-Naphthyl]trimethylammonium Chloride  
CI 12251:1

**Trade Name:**

Arianor Bordeaux 306006 (Warner Jenkinson Europe)

## BASIC VIOLET 1

**CAS Number:** 8004-87-3

**Definition:** Basic Violet 1 is classed chemically as a triarylmethane color. It is a mixture of methylated pararosanilines consisting principally of the tetra-, penta-, and hexamethyl derivatives. ••US laws and regulations prohibit any cosmetic product intended for sale in the United States from containing a colorant that has not been previously approved by the US FDA, and that does not meet applicable standards and specifications as found in 21 CFR 73 & 74. (NOTE: Each batch of an

approved synthetic organic colorant must be certified by the US FDA as meeting these standards and specifications.) An exception to this prohibition exists for "coal tar" colorants used in hair dye products which also meet other specific regulatory requirements. See Regulatory Information in the Introduction.

**Information Sources:** AUS, CI 42535, EEC(II-388), FIN, INN, JAN, MAR, TSCA, USAN, USP XXIII, YUG

**Chemical Class:** Color Additives - Hair

**Function:** Hair Colorant

**Technical Names:**

CI 42535  
Gentian Violet  
Methyl Violet

**Trade Name:**

Lowacryl Violet 1 (Lowenstein)

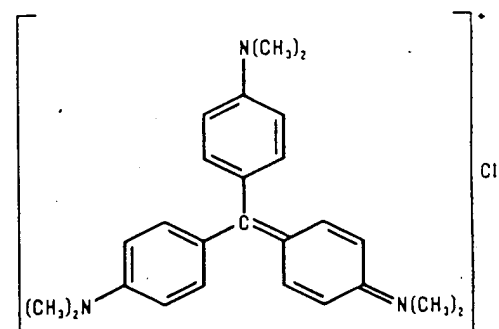
## BASIC VIOLET 3

**CAS No.** **EINECS No.**  
548-62-9 208-953-6

**Empirical Formula:**

$C_{25}H_{30}N_3 \cdot Cl$

**Definition:** Basic Violet 3 is classed chemically as a triphenylmethane color. It conforms to the formula:



••US laws and regulations prohibit any cosmetic product intended for sale in the United States from containing a colorant that has not been previously approved by the US FDA, and that does not meet applicable standards and specifications as found in 21 CFR 73 & 74. (NOTE: Each batch of an approved synthetic organic colorant must be certified by the US FDA as meeting these standards and specifications.) An exception to this prohibition exists for "coal tar" colorants used in hair dye products which also meet other specific regulatory requirements. See Regulatory Information in the Introduction.

**Information Sources:** BP, BPC, BRA, CI 42555, CZE, EEC(II-380), EGY, MAR, MEX, MI-12(4401), PF, PN, TSCA, USD

The inclusion of any compound in the Dictionary and Handbook does not indicate that use of that substance as a cosmetic ingredient complies with the laws and regulations governing such use in the United States or any other country.

## Basic Violet 3 (Cont.)

## Basic Violet 14

**Chemical Class:** Color Additives - Hair

**Function:** Hair Colorant

### Technical Names:

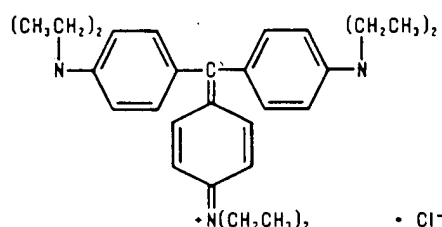
N-[4-[Bis[4-(Dimethylamino)Phenyl]  
Methylene]-2,5-Cyclohexadien-1-ylidene]-  
N-Methylmethanaminium Chloride  
CI 42555  
Crystal Violet  
Gentian Violet  
Methanaminium, N-[4-[Bis[4-(Dimethylamino)  
Phenyl]Methylene]-2,5-Cyclohexadien-1-  
ylidene]-N-Methyl-, Chloride

## BASIC VIOLET 4

**CAS No.** 2390-59-2  
**EINECS No.** 219-231-5

**Empirical Formula:**  
 $C_{31}H_{42}N_3 \cdot Cl$

**Definition:** Basic Violet 4 is the hair colorant that conforms to the formula:



••US laws and regulations prohibit any cosmetic product intended for sale in the United States from containing a colorant that has not been previously approved by the US FDA, and that does not meet applicable standards and specifications as found in 21 CFR 73 & 74. (NOTE: Each batch of an approved synthetic organic colorant must be certified by the US FDA as meeting these standards and specifications.) An exception to this prohibition exists for 'coal tar' colorants used in hair dye products which also meet other specific regulatory requirements. See Regulatory Information in the Introduction.

**Information Sources:** TSCA

**Chemical Class:** Color Additives - Hair

**Function:** Hair Colorant

### Technical Names:

[4-[Bis[4-(Diethylamino)Phenyl]Methylene]2,  
5-Cyclohexadien-1-ylidene]Diethyl-  
ammonium Chloride  
CI 42600  
Ethanaminium, N-[4-[Bis[4-(Diethylamino)  
Phenyl]Methylene]-2,5-Cyclohexadien-1-  
ylidene]-N-Ethyl-, Chloride

**Trade Name:**  
Lowacryl Violet 4 (Lowenstein)

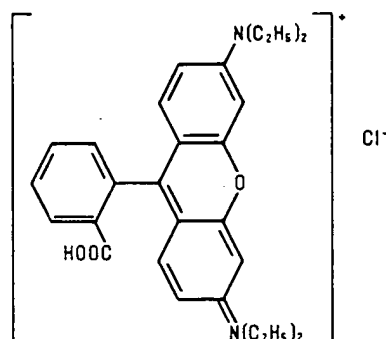
## BASIC VIOLET 10

**CAS No.** 81-88-9  
**EINECS No.** 201-383-9

### Empirical Formula:

$C_{28}H_{31}N_2O_3 \cdot Cl$

**Definition:** Basic Violet 10 is classed chemically as a xanthene color. It conforms to the formula:



The stearate of this color is Solvent Red 49:1 (q.v.). ••US laws and regulations prohibit any cosmetic product intended for sale in the United States from containing a colorant that has not been previously approved by the US FDA, and that does not meet applicable standards and specifications as found in 21 CFR 73 & 74. (NOTE: Each batch of an approved synthetic organic colorant must be certified by the US FDA as meeting these standards and specifications.) An exception to this prohibition exists for 'coal tar' colorants used in hair dye products which also meet other specific regulatory requirements. See Regulatory Information in the Introduction.

**Information Sources:** CI 45170, EEC(II-398), M3, MHW Ord. No. 30, MI-12(8349), TSCA

**Chemical Class:** Color Additives - Miscellaneous

**Function:** Hair Colorant

### Technical Names:

N-[9-(2-Carboxyphenyl)-6-(Diethylamino)-3H-  
Xanthen-3-ylidene]-N-Ethylethanaminium  
Chloride

CI 45170

Ethanaminium, N-[9-(2-Carboxyphenyl)-6-(Di-  
ethylamino)-3H-Xanthen-3-ylidene]-N-  
Ethyl-, Chloride

Red No. 213

Red No. 214

Red No. 215

Rhodamine B

### Trade Name:

Rose B W 3005 (Wackherr)

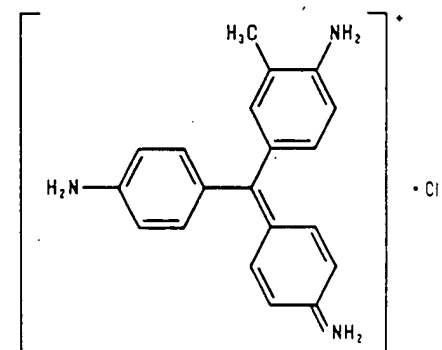
## BASIC VIOLET 14

**CAS No.** 632-99-5  
**EINECS No.** 211-189-6

### Empirical Formula:

$C_{20}H_{19}N_3 \cdot ClH$

**Definition:** Basic Violet 14 is classed chemically as a triphenylmethane color. It conforms to the formula:



••US laws and regulations prohibit any cosmetic product intended for sale in the United States from containing a colorant that has not been previously approved by the US FDA, and that does not meet applicable standards and specifications as found in 21 CFR 73 & 74. (NOTE: Each batch of an approved synthetic organic colorant must be certified by the US FDA as meeting these standards and specifications.) An exception to this prohibition exists for 'coal tar' colorants used in hair dye products which also meet other specific regulatory requirements. See Regulatory Information in the Introduction.

••To identify the colorant allowed for use in the European Union (EU), when regulations for ingredient labeling under the 6th Amendment to the EC Cosmetics Directive go into effect, the INCI Name CI 42510 will be used in the EU except when used in hair dye products. See Regulatory Information in the Introduction.

**Information Sources:** CI 42510, EEC(IV/1), MI-12(5686), TSCA, USAN, USP XXIII

**Chemical Classes:** Color Additives - Hair;  
Color Additives - Miscellaneous

**Function:** Hair Colorant

### Technical Names:

4-[(4-Aminophenyl)(4-Imino-2,5-Cyclohexa-  
dien-1-ylidene)Methyl]-2-Methylbenzen-  
amine Monohydrochloride  
Benzeneamine, 4-[(4-Aminophenyl)(4-Imino-  
2,5-Cyclohexadien-1-ylidene)Methyl]-2-  
Methyl-, Monohydrochloride  
CI 42510  
Magenta I

### Trade Name:

Lowacryl Violet 14 (Lowenstein)

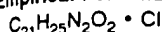


## Basic Yellow 11

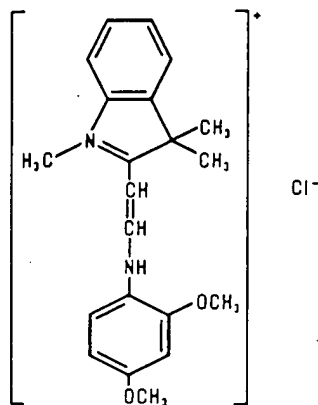
## BASIC YELLOW 11

CAS No. EINECS No.  
 208-80-4 224-132-5

## Empirical Formula:



Definition: Basic Yellow 11 is the color that conforms to the formula:



••US laws and regulations prohibit any cosmetic product intended for sale in the United States from containing a colorant that has not been previously approved by the US FDA, and that does not meet applicable standards and specifications as found in 21 CFR 73 & 74. (NOTE: Each batch of an approved synthetic organic colorant must be certified by the US FDA as meeting these standards and specifications.) An exception to this prohibition exists for "coal tar" colorants used in hair dye products which also meet other specific regulatory requirements. See Regulatory Information in the Introduction.

Information Sources: CI 48055, TSCA

Chemical Class: Color Additives - Miscellaneous

Function: Colorant

## Technical Names:

CI 48055  
 2-[2-[(2,4-Dimethoxyphenyl)Amino]Ethenyl]-1, 3, 3-Trimethyl-3H-Indolium Chloride  
 3H-Indolium, 2-[2-[(2,4-Dimethoxyphenyl)Amino]Ethenyl]-1, 3, 3-Trimethyl-, Chloride

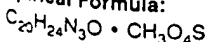
## Trade Names:

Lowacryl Yellow 11 (Lowenstein)  
 Sandocryl Yellow B-GL (Clariant)

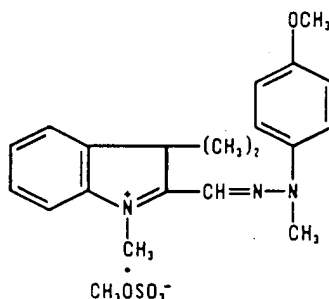
## BASIC YELLOW 28

CAS No. EINECS No.  
 2050-92-3 258-946-7

## Empirical Formula:



Definition: Basic Yellow 28 is the hair colorant that conforms to the formula:



••US laws and regulations prohibit any cosmetic product intended for sale in the United States from containing a colorant that has not been previously approved by the US FDA, and that does not meet applicable standards and specifications as found in 21 CFR 73 & 74. (NOTE: Each batch of an approved synthetic organic colorant must be certified by the US FDA as meeting these standards and specifications.) An exception to this prohibition exists for "coal tar" colorants used in hair dye products which also meet other specific regulatory requirements. See Regulatory Information in the Introduction.

Information Sources: TSCA

Chemical Class: Color Additives - Hair

Function: Hair Colorant

## Technical Names:

CI 48054  
 3H-Indolium, 2-[[[(4-Methoxyphenyl)Methylhydrazono]Methyl]-1,3,3-Trimethyl-, Methyl Sulfate  
 2-[[[(4-Methoxyphenyl)Methylhydrazono]Methyl]-1,3,3-Trimethyl-3H-Indolium Methyl Sulphate

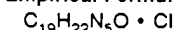
## Trade Name:

Lowacryl Yellow 28 (Lowenstein)

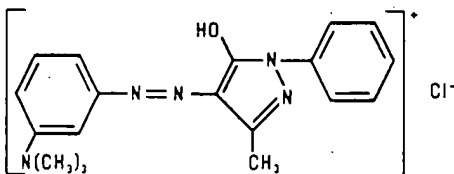
## BASIC YELLOW 57

CAS No. EINECS No.  
 68391-31-1 269-943-5

## Empirical Formula:



Definition: Basic Yellow 57 is the color that conforms to the formula:

Basil (*Ocimum Basilicum*) Extract

••US laws and regulations prohibit any cosmetic product intended for sale in the United States from containing a colorant that has not been previously approved by the US FDA, and that does not meet applicable standards and specifications as found in 21 CFR 73 & 74. (NOTE: Each batch of an approved synthetic organic colorant must be certified by the US FDA as meeting these standards and specifications.) An exception to this prohibition exists for "coal tar" colorants used in hair dye products which also meet other specific regulatory requirements. See Regulatory Information in the Introduction.

Information Sources: CI 12719, TSCA

Chemical Class: Color Additives - Hair

Function: Hair Colorant

Reported Product Categories: Hair Dyes and Colors (All Types Requiring Caution Statements and Patch Tests); Hair Tints; Hair Shampoos (Coloring)

## Technical Names:

Benzenaminium, 3-[[[(4,5-Dihydro-3-Methyl-5-Oxo-1-Phenyl-1H-Pyrazol-4-yl)Azo]-N,N,N-Trimethyl-, Chloride  
 CI 12719  
 3-[[[(4,5-Dihydro-3-Methyl-5-Oxo-1-Phenyl-1H-Pyrazol-4-yl)Azo]-N,N,N-Trimethyl-, benzenaminium Chloride

BASIL (*OCIMUM BASILICUM*) EXTRACT

CAS No. EINECS No.  
 84775-71-3 283-900-8

Definition: Basil (*Ocimum Basilicum*) Extract is an extract of the flowers and leaves of the basil, *Ocimum basilicum*. ••This INCI name has been proposed to the US FDA as an interim step in harmonizing botanical nomenclature with international conventions. ••See Regulatory Information in the Introduction for information on labeling name options available for this ingredient. ••The labeling name in the EU will be, *Ocimum Basilicum*, when regulations for ingredient labeling under the 6th Amendment to the EC Cosmetics Directive go into effect.

Information Sources: 21CFR182.20

Chemical Class: Biological Products

Function: Biological Additive

Reported Product Category: Shampoos (Non-coloring)

## Technical Names:

Basil Extract  
 Common Basil Extract

The inclusion of any compound in the *Dictionary and Handbook* does not indicate that use of that substance as a cosmetic ingredient complies with the laws and regulations governing such use in the United States or any other country.

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# **International Cosmetic Ingredient Dictionary and Handbook**

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**Editors**

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